**Unit 5 Study Guide**

**Lesson 1 and 2**

Put in order from least to greatest:

1. 0.4, ⅗, ½, 3/10
2. -⅜, -¾, -0.38, -0.6
3. ¼, -⅕, 0.2, ⅖
4. Create a number line for ⅘, 1 ⅖, -⅗, and -1 ⅕

*You should be able to convert between fractions and decimals fluently.*

**Lesson 3 and 4**

1. 4 ½ + 1 ⅙
2. -3 ⅜ + 1 ¼
3. -3 ⅚ - 2 ¾
5. Mrs. Moore has licorice ropes to give to students. She has 6 licorice ropes and she wants to give each student 3/5 of a rope. How many students can she give portions to?
6. Mrs. Minera gave 3/5 of a licorice rope to each of 6 students. How many licorice ropes did she have?

**Lesson 5**

Write an equation for each. Be sure your equation describes the original scenario NOT how to solve it.

1. Andy is cooking a casserole. The recipe calls for 4 ½ cups of rice. He has already put in 3 cups. How many more cups does Andy need to put in?
2. Zoe split her cake between 7 friends (she did not eat any). If each person got a piece that was 2 ¾ inches long, how long was the cake?

**Application**

1. Find the area using the formula A = LW when L = 2 cm and W = 1 cm.
2. Find the volume using the formula V = LWH when L = 1, W = 2 and H = 7